

FIG.1

CONFIGURATION OF MULTI-DIRECTIONAL OPTICAL BRANCHING APPARATUS
ACCORDING TO PRESENT INVENTION

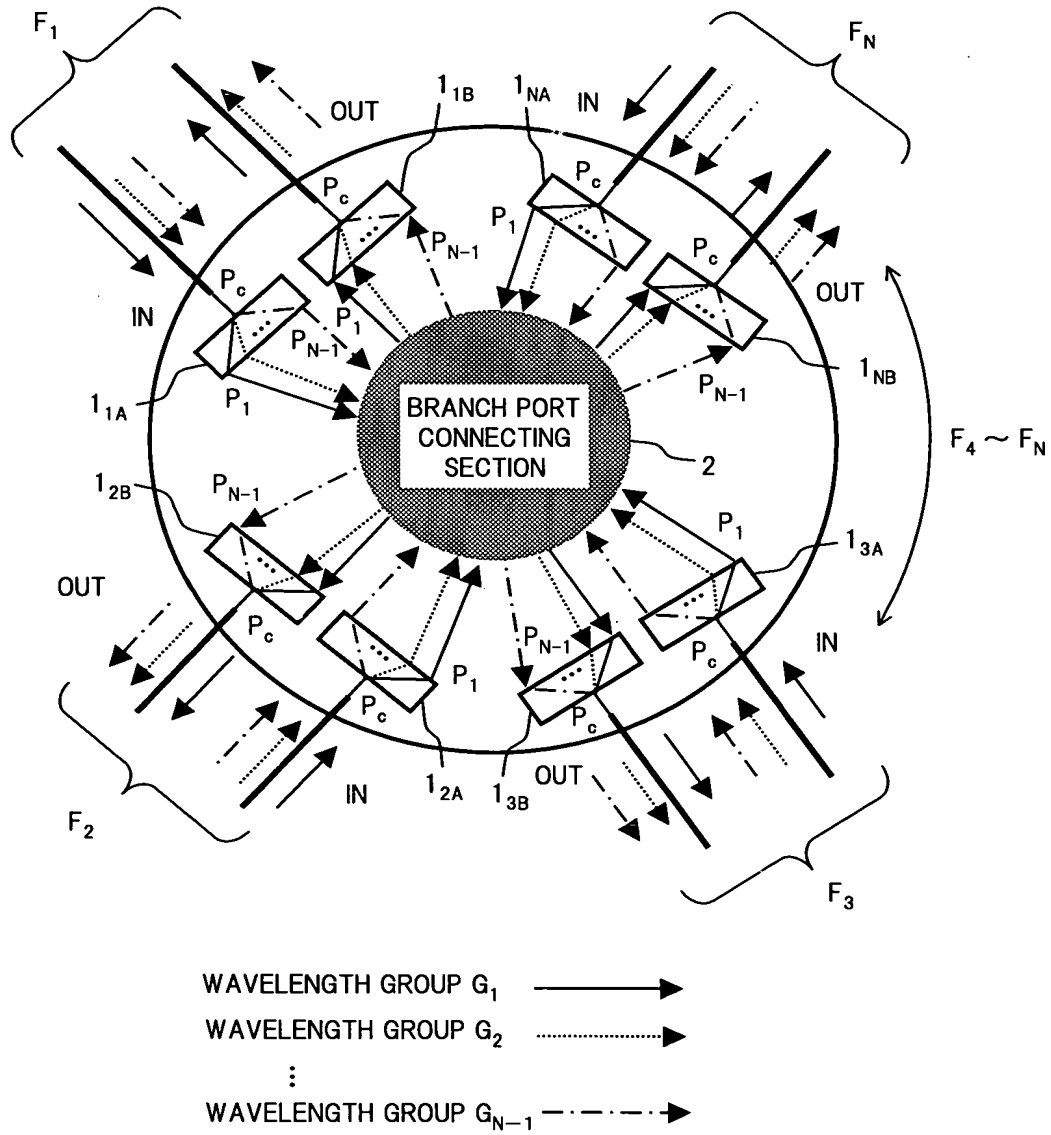


FIG.2

CONFIGURATION OF THREE-DIRECTIONAL OPTICAL BRANCHING APPARATUS
ACCORDING TO FIRST EMBODIMENT OF PRESENT INVENTION

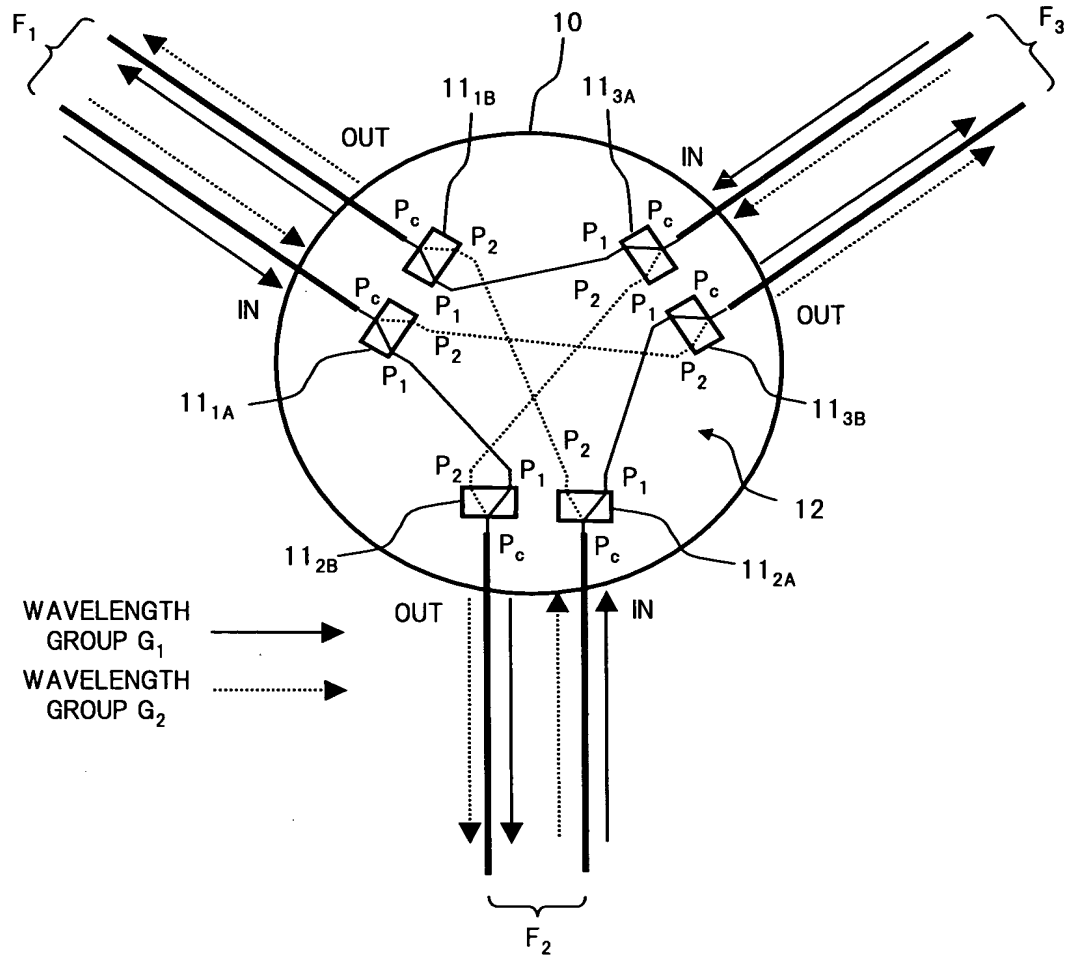


FIG.3

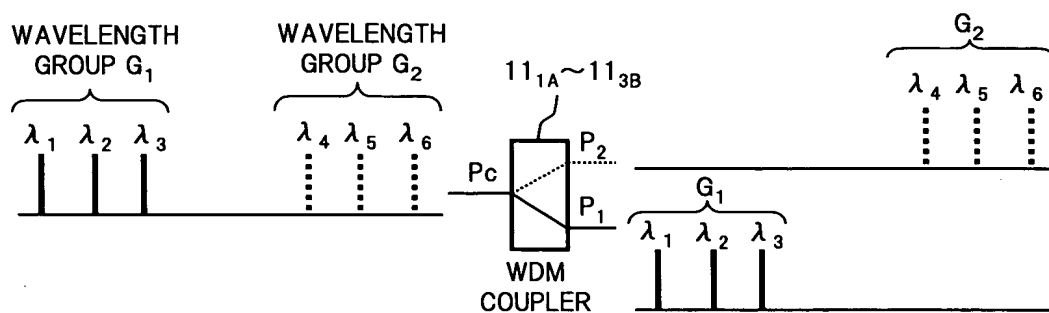


FIG.4

LIGHT PASSING CHARACTERISTIC
OF WDM COUPLER

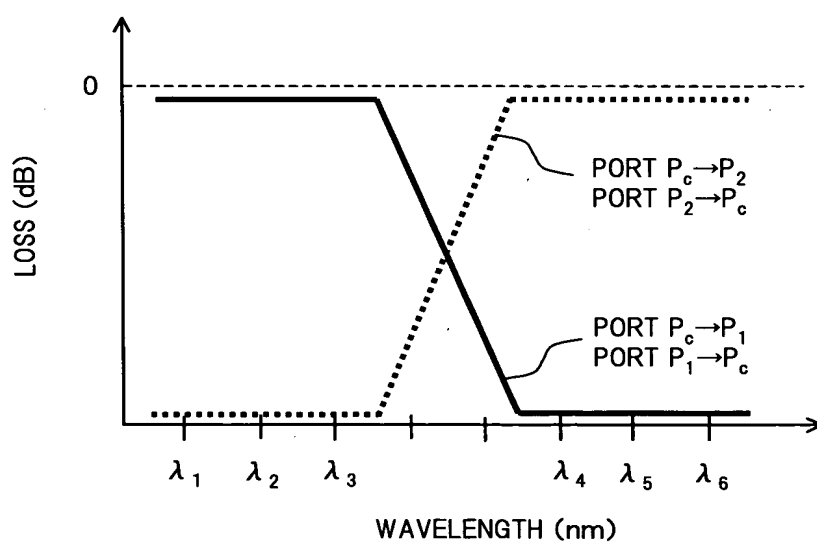


FIG.5

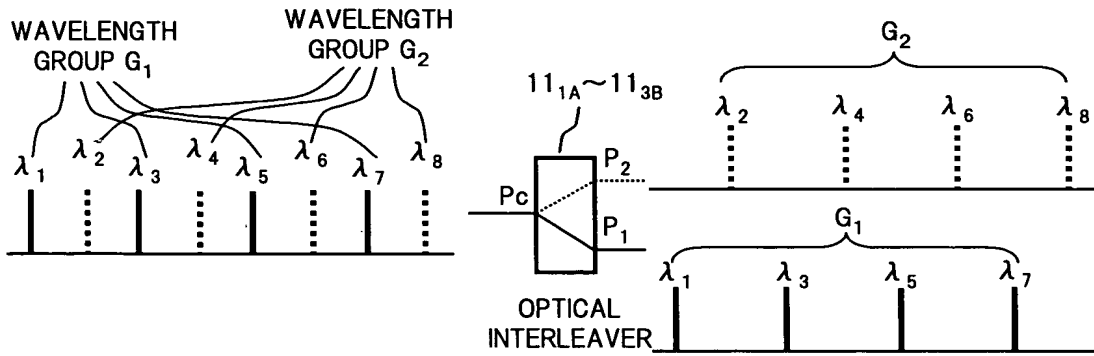


FIG.6

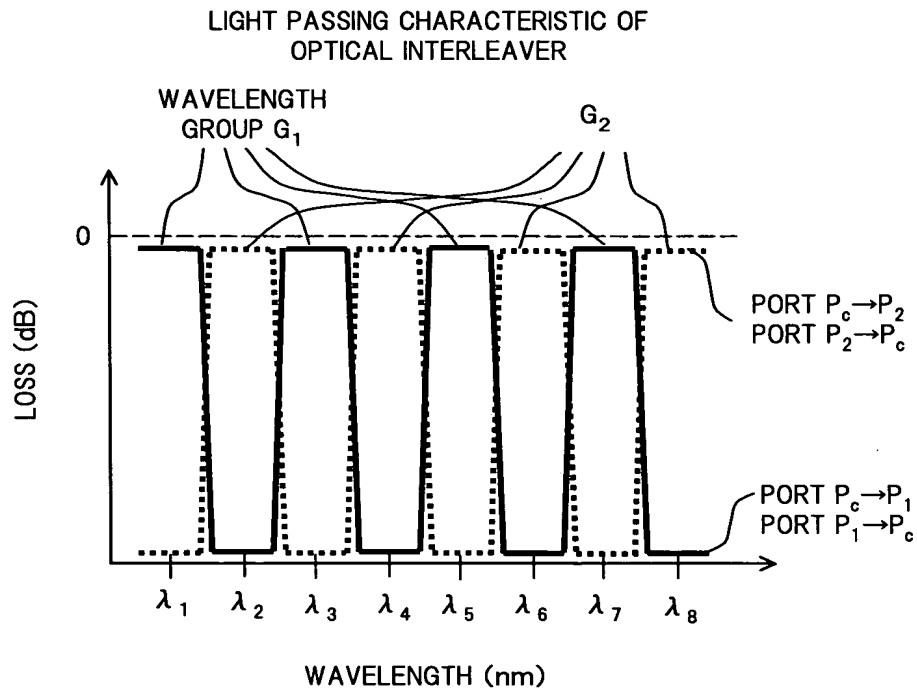


FIG. 7

CONFIGURATION OF FOUR-DIRECTIONAL OPTICAL BRANCHING APPARATUS
ACCORDING TO SECOND EMBODIMENT OF PRESENT INVENTION

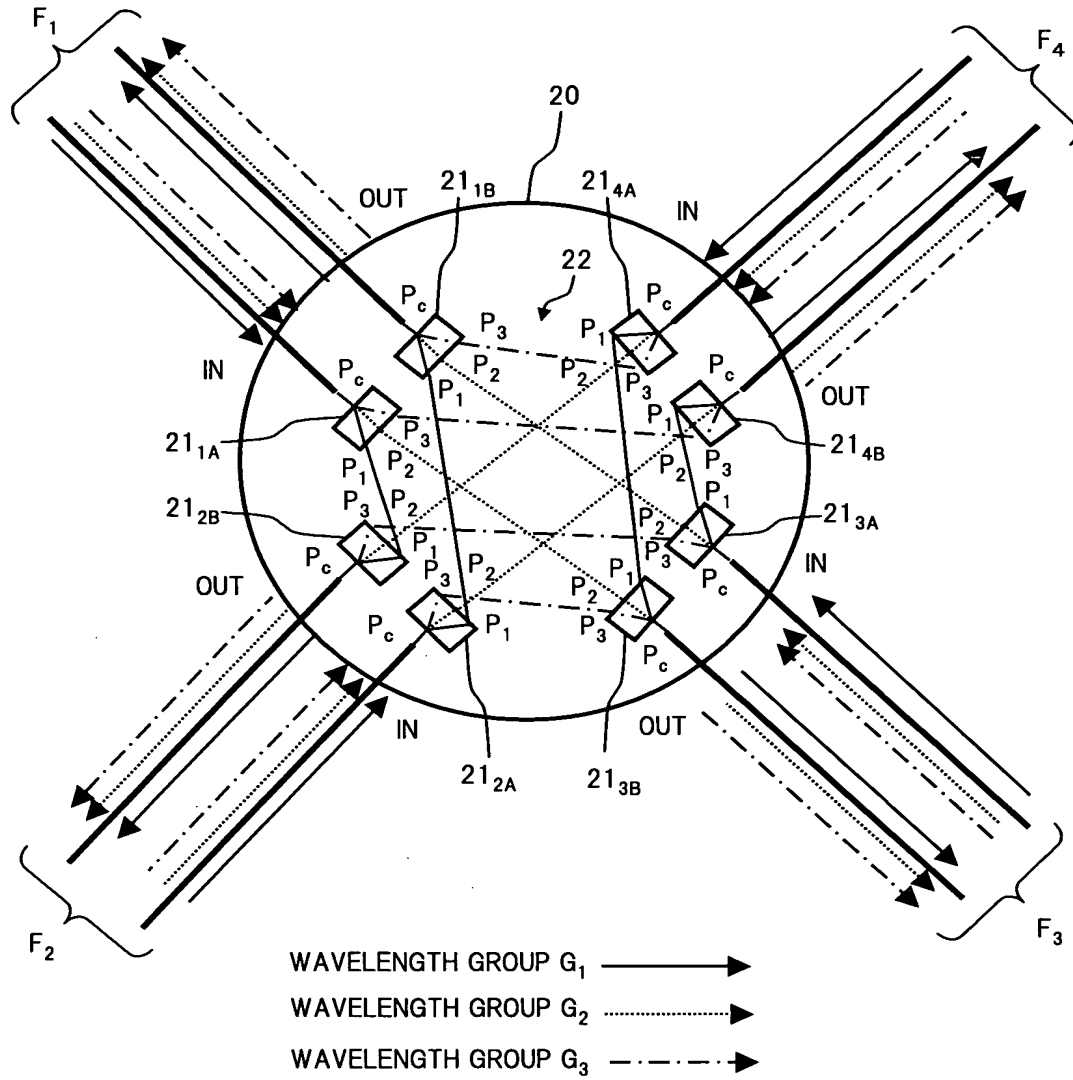


FIG.8

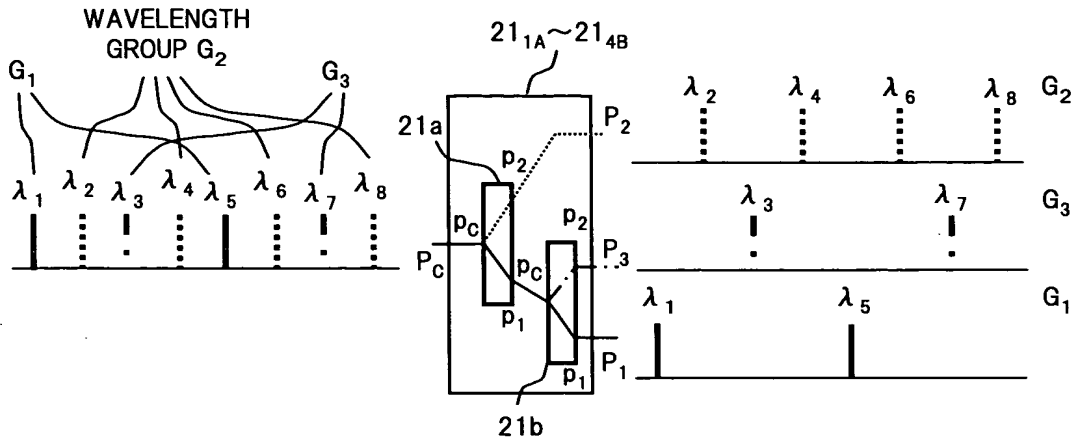


FIG.9

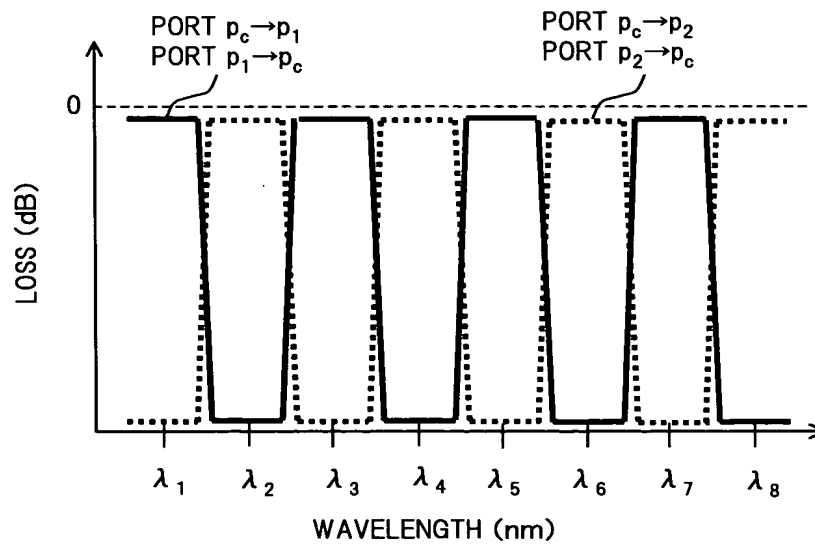
LIGHT PASSING CHARACTERISTIC OF
OPTICAL INTERLEAVER 21a

FIG.10

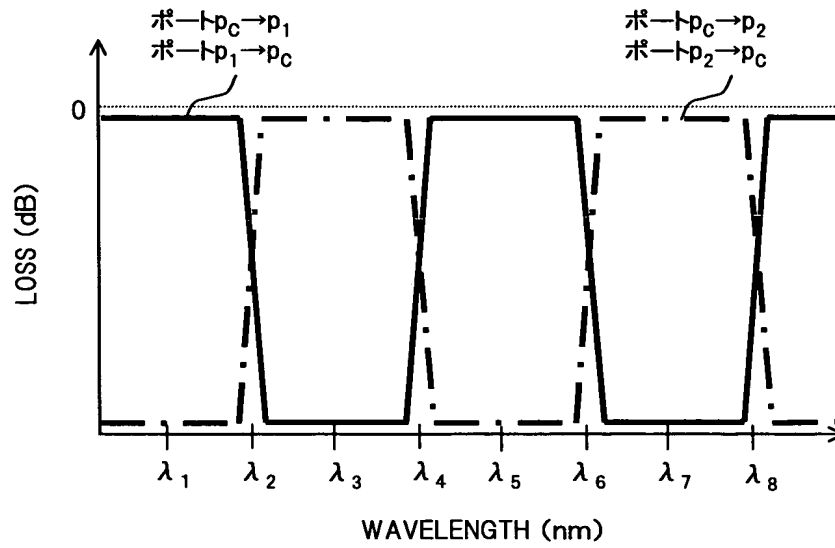
LIGHT PASSING CHARACTERISTIC OF
OPTICAL INTERLEAVER 21b

FIG. 11

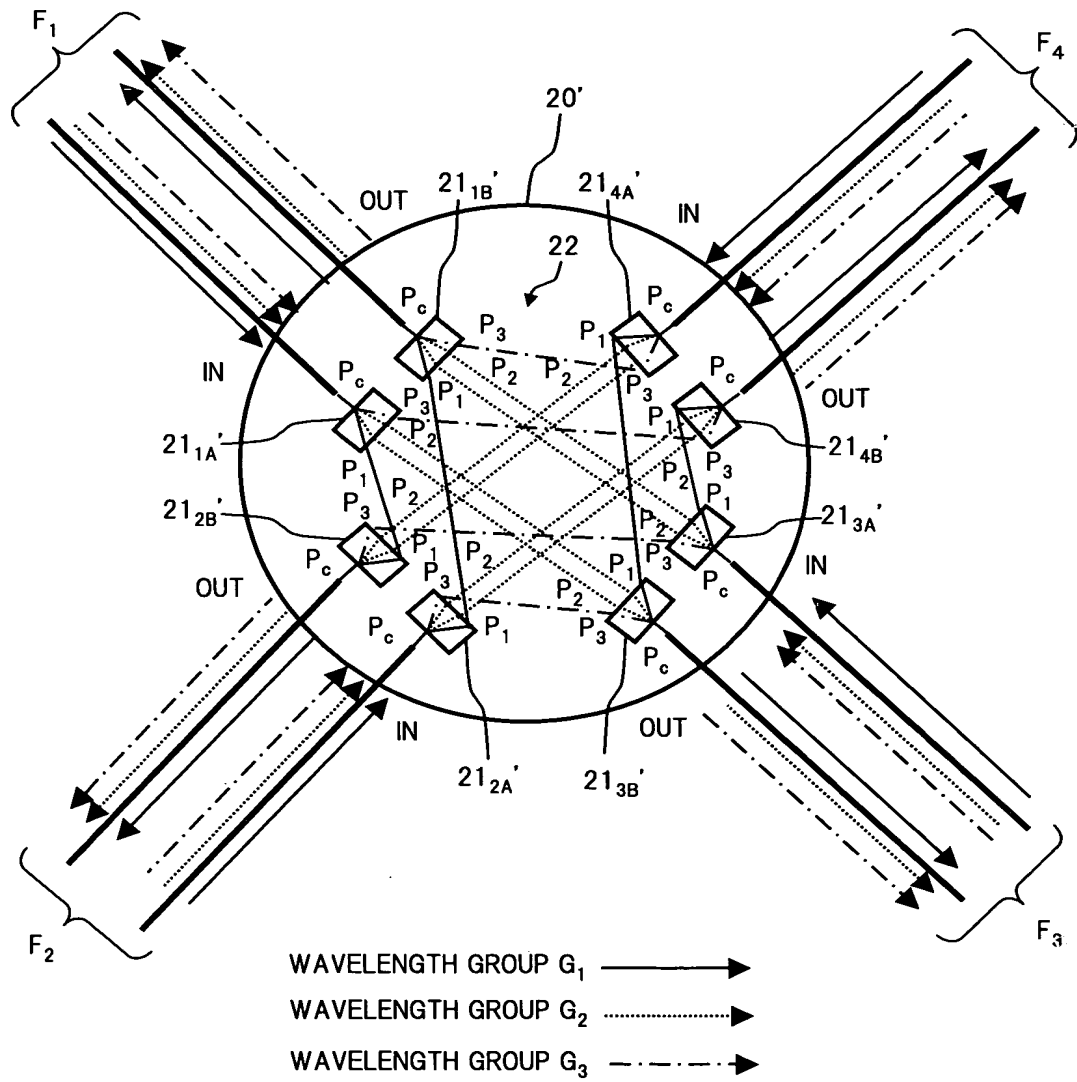


FIG.12

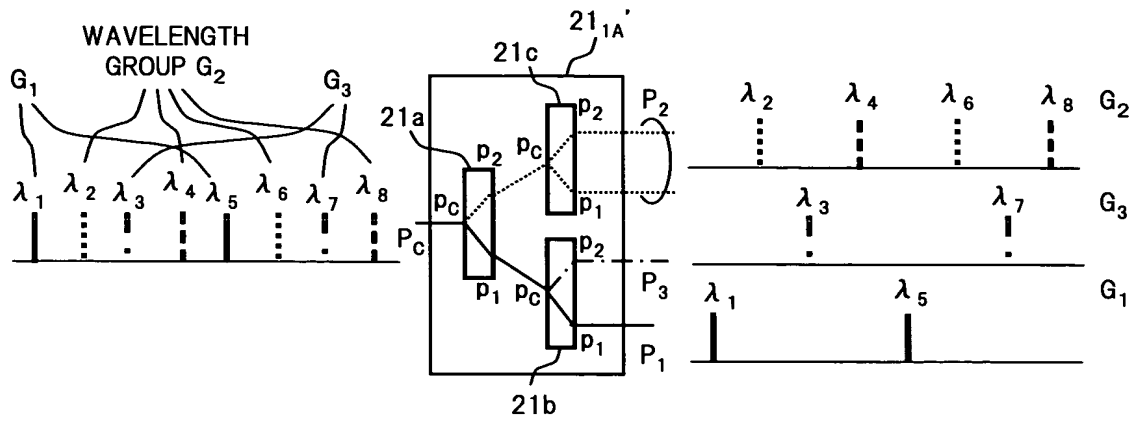


FIG.13

LIGHT PASSING CHARACTERISTIC OF
OPTICAL INTERLEAVER 21c

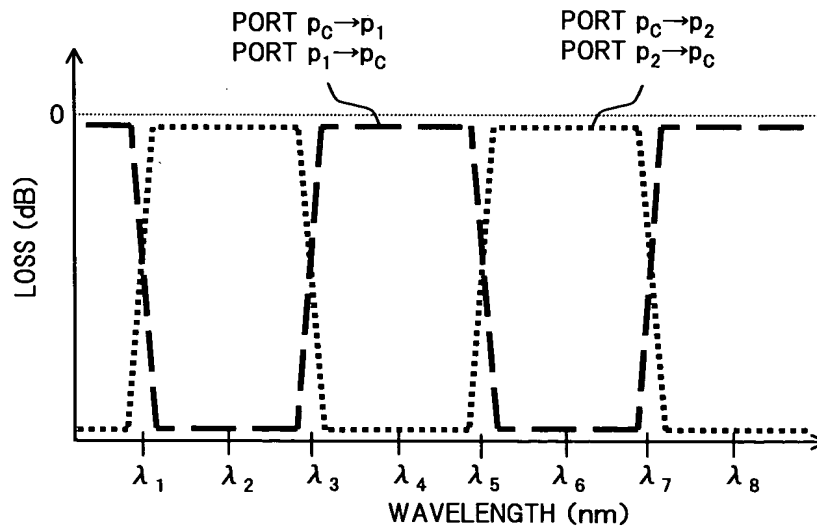


FIG.14

CONFIGURATION OF THREE-DIRECTIONAL OPTICAL BRANCHING APPARATUS
ACCORDING TO THIRD EMBODIMENT OF PRESENT INVENTION

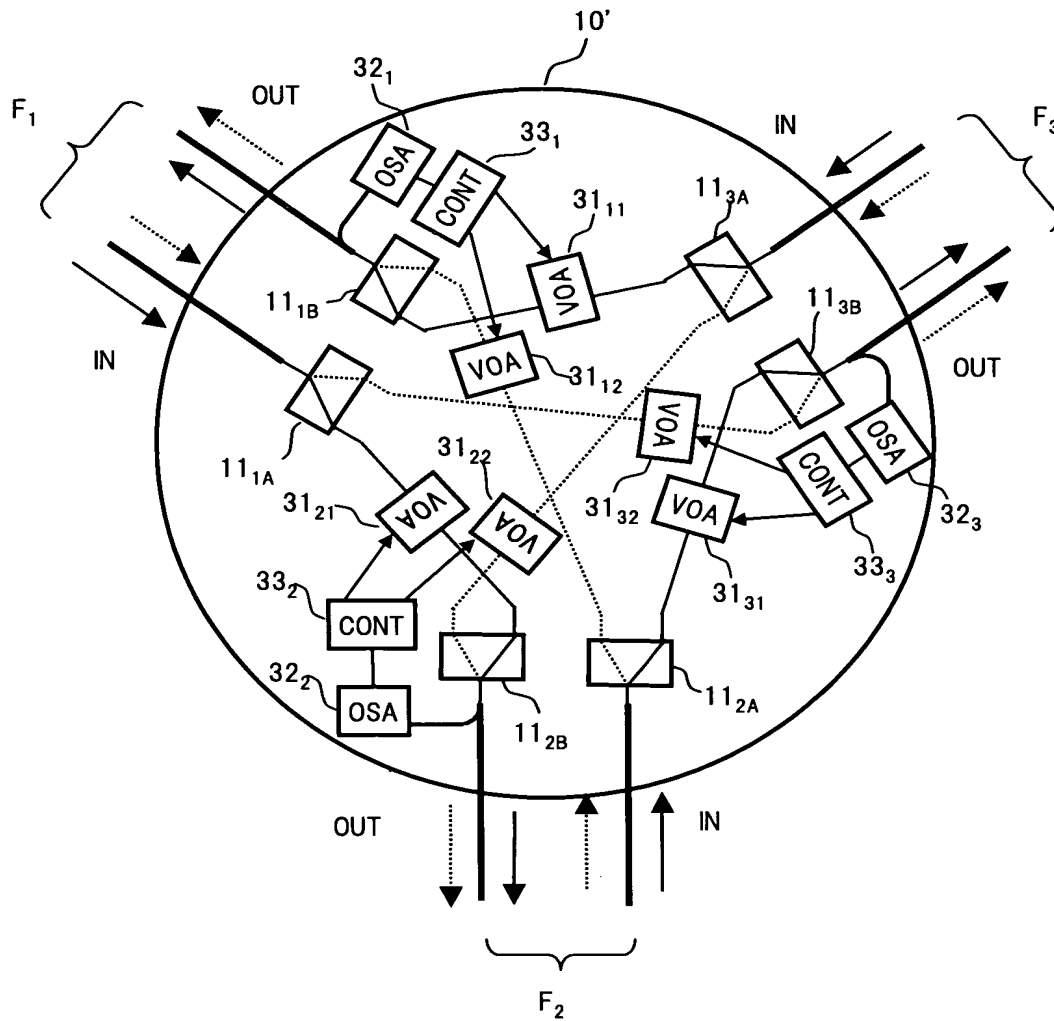


FIG.15

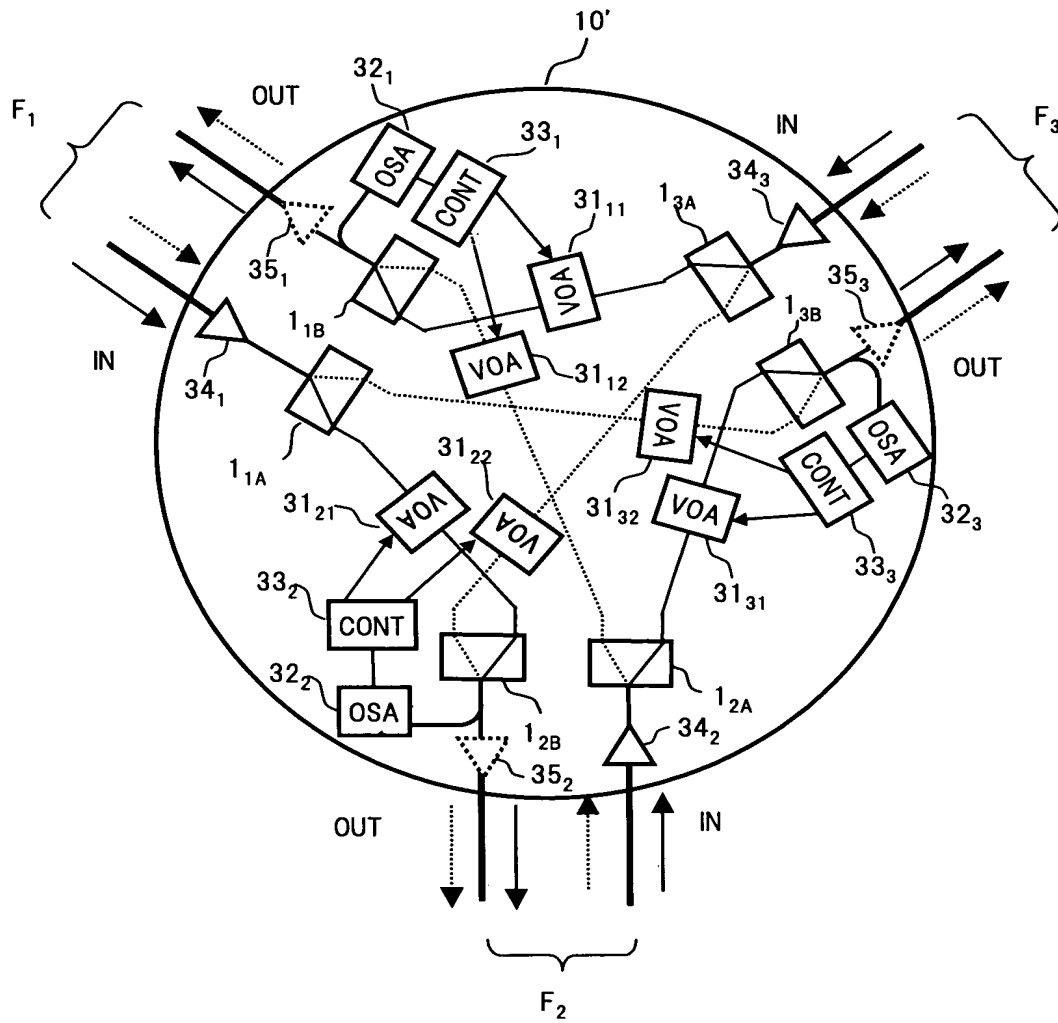


FIG. 16

CONFIGURATION OF THREE-DIRECTIONAL OPTICAL BRANCHING APPARATUS
ACCORDING TO FOURTH EMBODIMENT OF PRESENT INVENTION

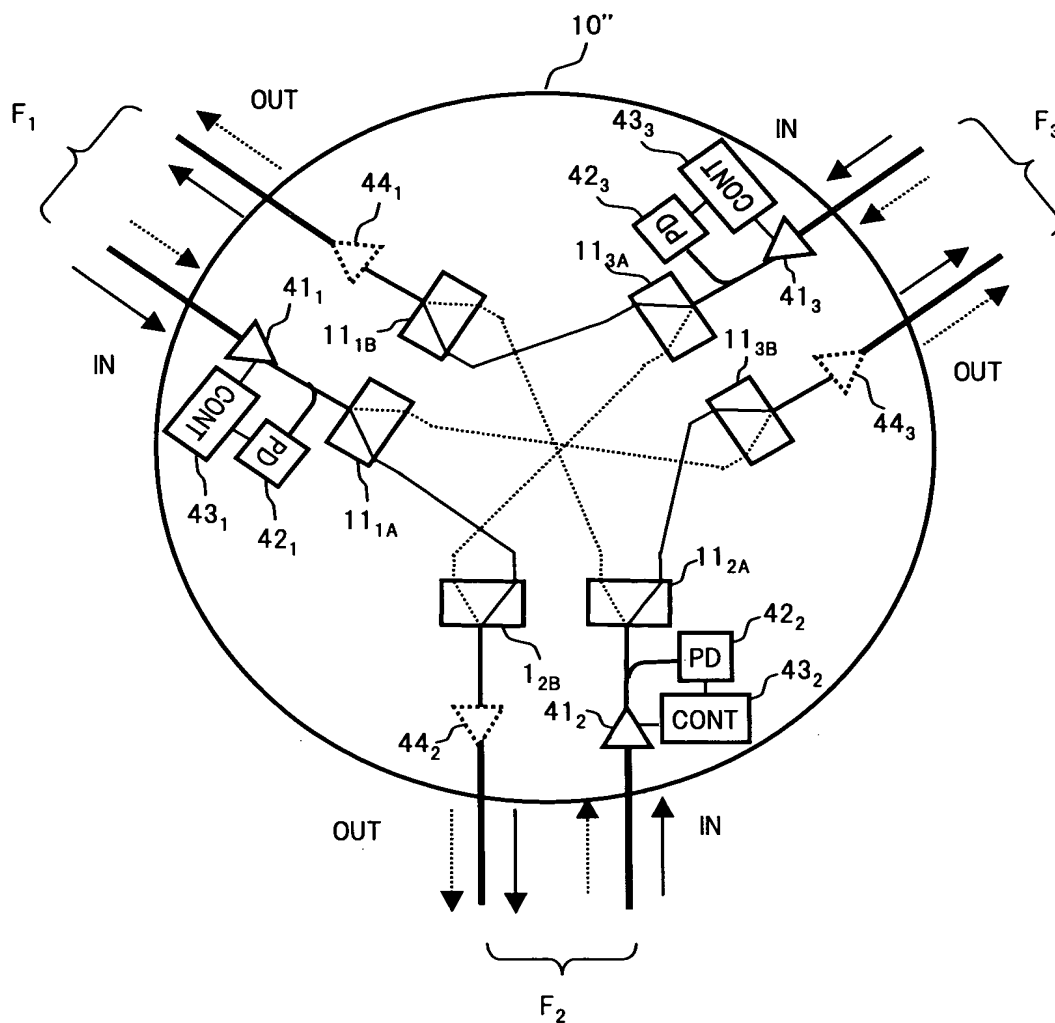


FIG.17

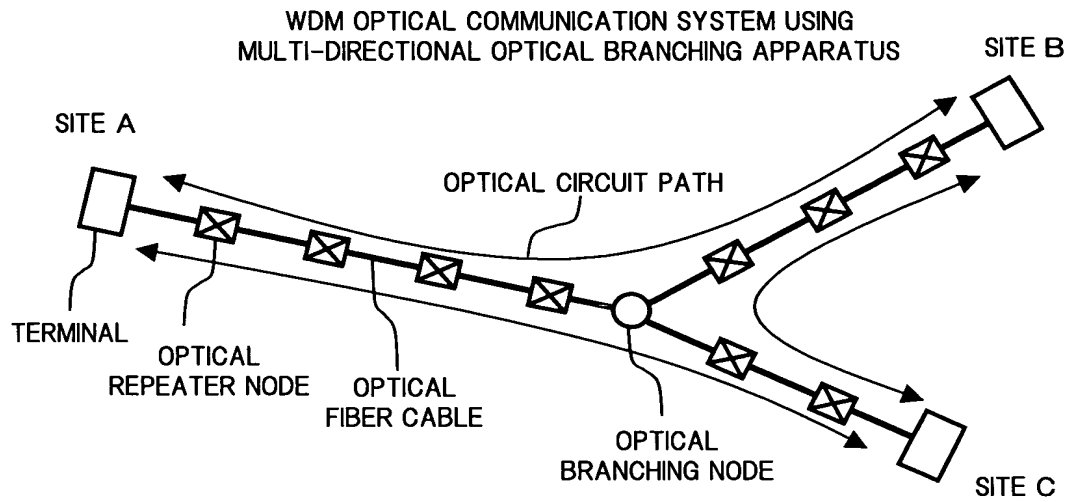


FIG.18

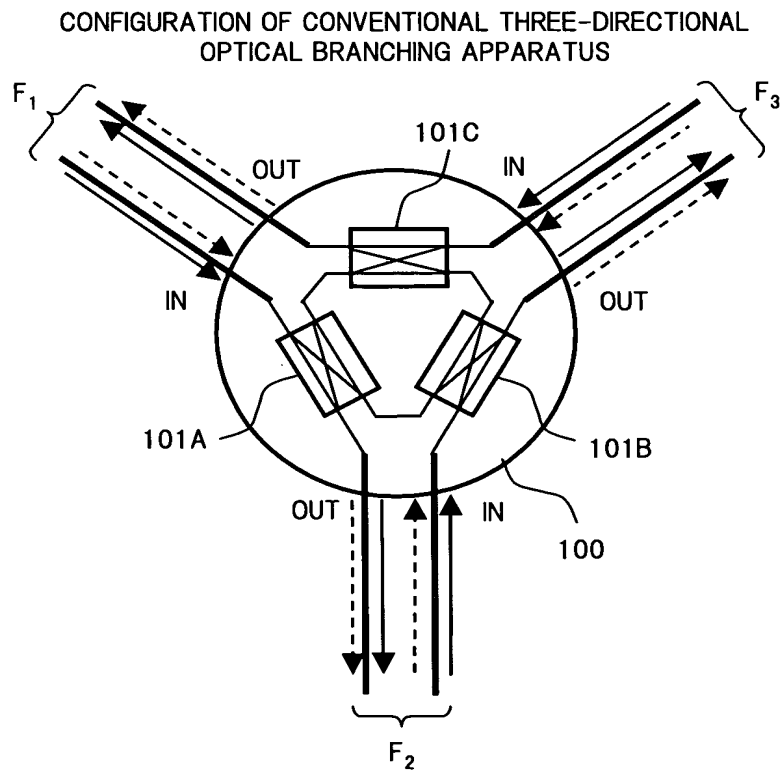


FIG.19

LIGHT PASSING CHARACTERISTIC OF
TYPICAL WDM COUPLER

